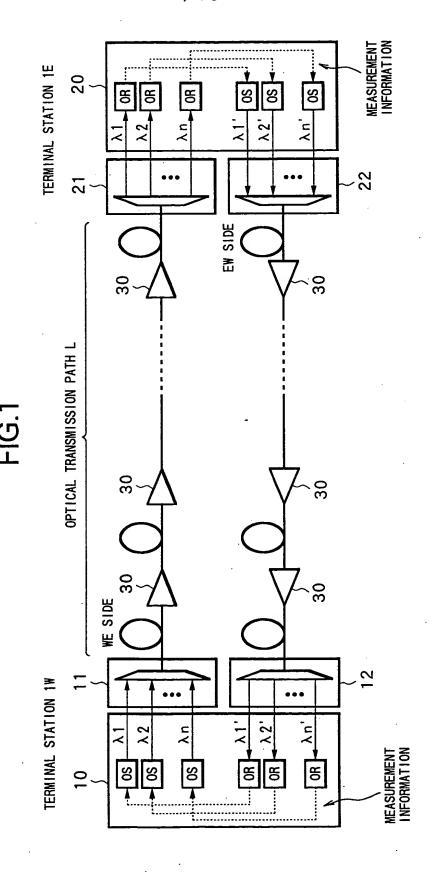
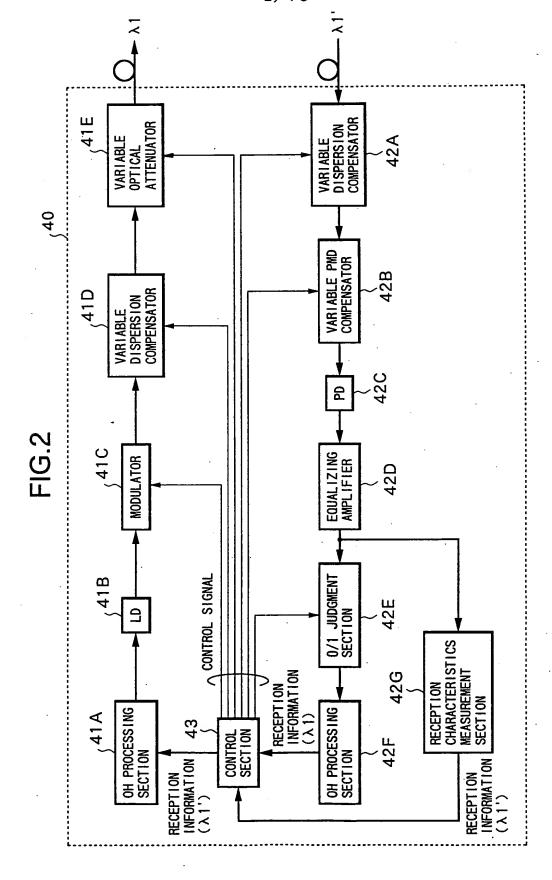
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FIG.3

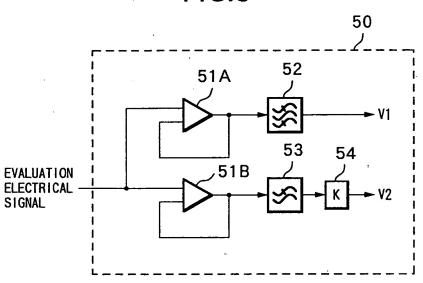
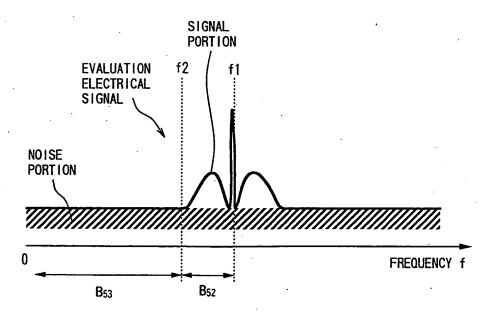
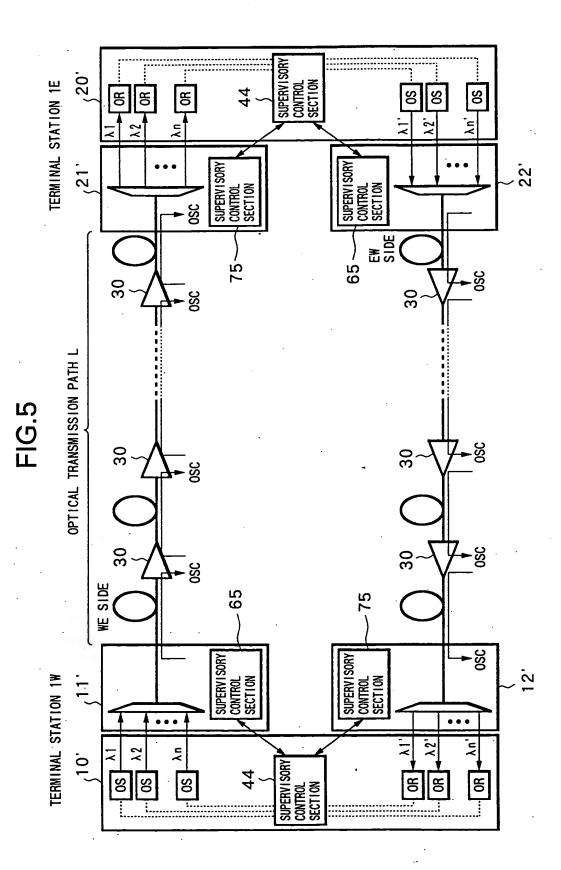
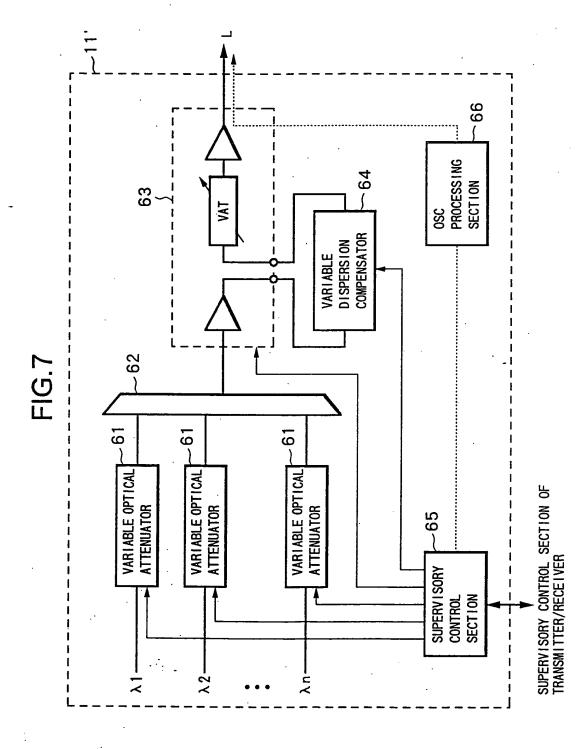


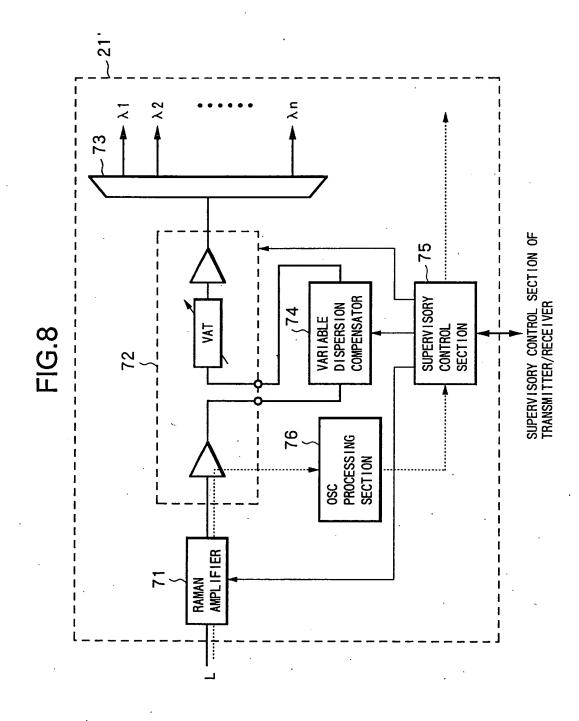
FIG.4

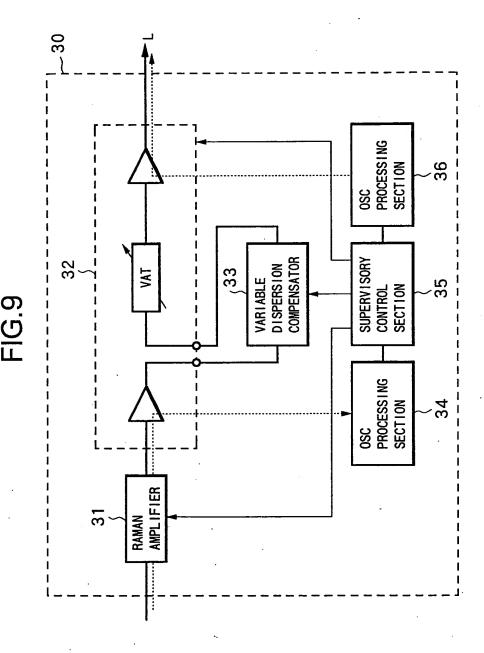




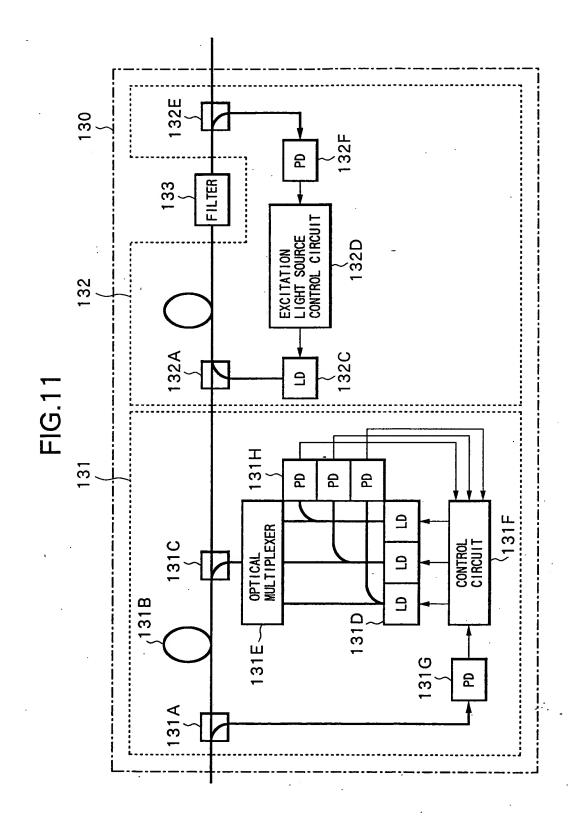
ଞ 8 41E VARIABLE DISPERSION COMPENSATOR VARIABLE OPTICAL ATTENUATOR 42A ---- SUPERVISORY CONTROL SECTION OF WDM DEVICE VARIABLE PMD COMPENSATOR 42B 41D VARIABLE DISPERSION COMPENSATOR 8 **FIG.6** EQUALIZING AMPLIFIER MODULATOR 42D RECEPTION INFORMATION(A1, A1') RECEPTION INFORMATION(A1, A1') ,42E 42G JUDGMENT SIGNAL CONTROL SIGNAL 9 0/1 JUDG SECTION RECEPTION INFORMATION(λ1) RECEPTION CHARACTERISTICS MEASUREMENT SECTION CONTROL 41A OH PROCESSING SECTION OH PROCESSING SECTION SUPERVISORY CONTROL SECTION CONTROL SECTION CONTROL SECT I ON RECEPTION AINFORMATION INFORMATION (A1') 42H 42F RECEPT I ON ()1.) 41F~ 44~





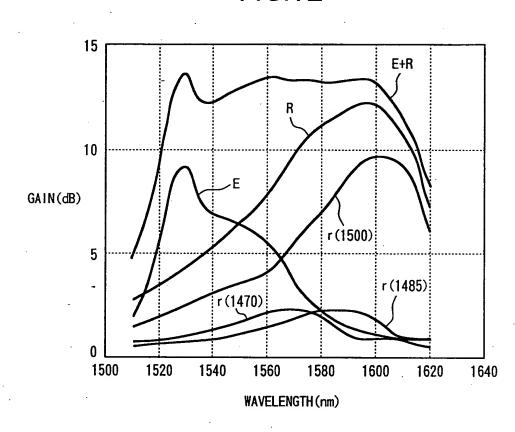


RECEPTION - CHARACTERISTICS MEASUREMENT SECTION TERMINAL STATION 100E RECEPTION PROCESSING SECTION OPTICAL TRANSMITTING SECTION 102S 123C SSE DISPERSION COMPENSATOR 123B 124~ OPTICAL RECEIVING SECTION 102R 123D~ 123A FIG.10 OPTICAL TRANSMISSION PATH L λ 1~ λ n $\lambda 1' \sim \lambda n'$ 130 114 OSA TERMINAL STATION 100W OPTICAL RECEIVING SECTION 101R OPTICAL TRANSMITTING SECTION 101S VARIABLE OPTICAL ATTENUATOR (111C CONTROLLER SSE 111A SOURCE

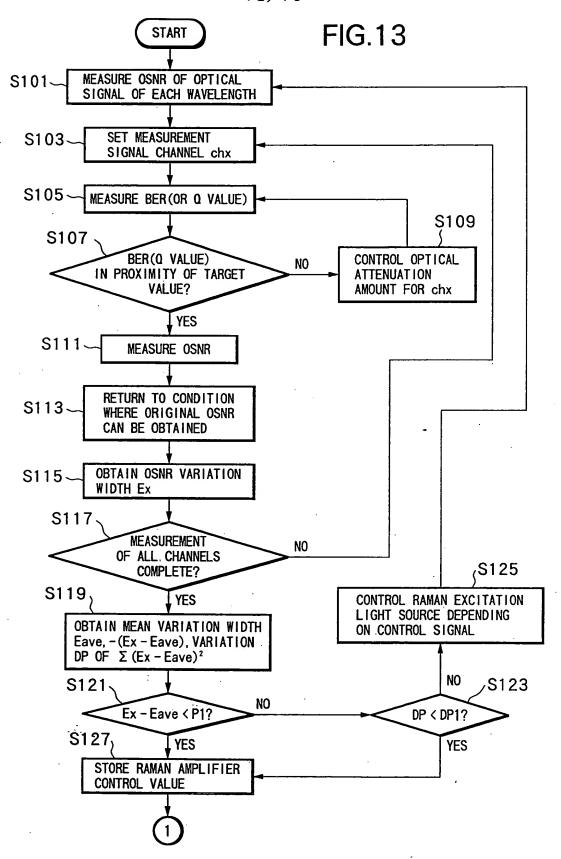


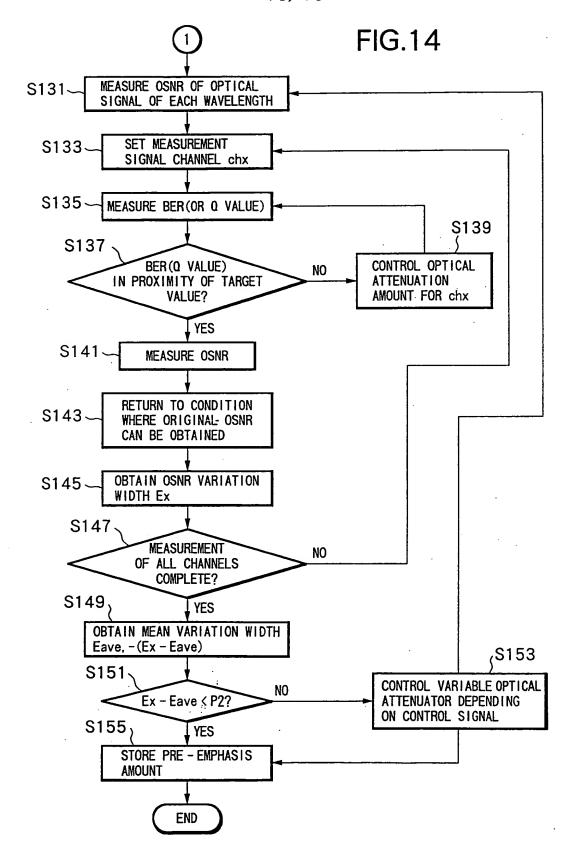
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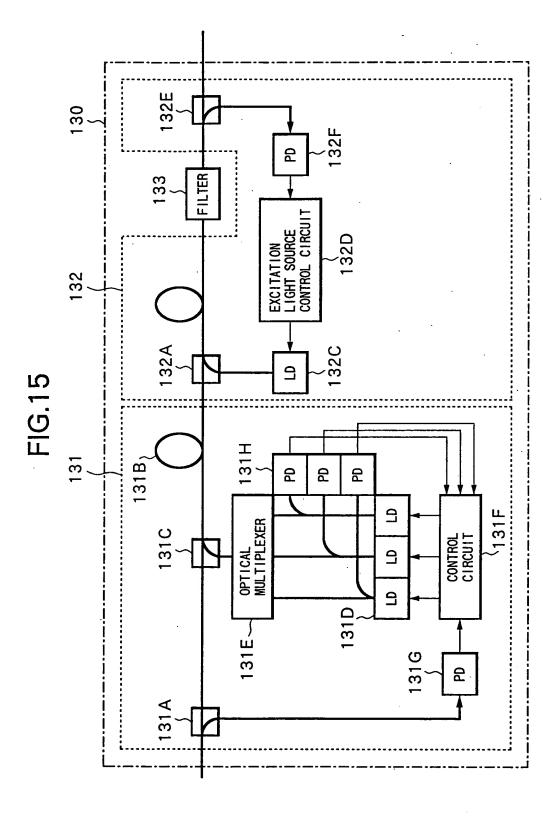
FIG.12



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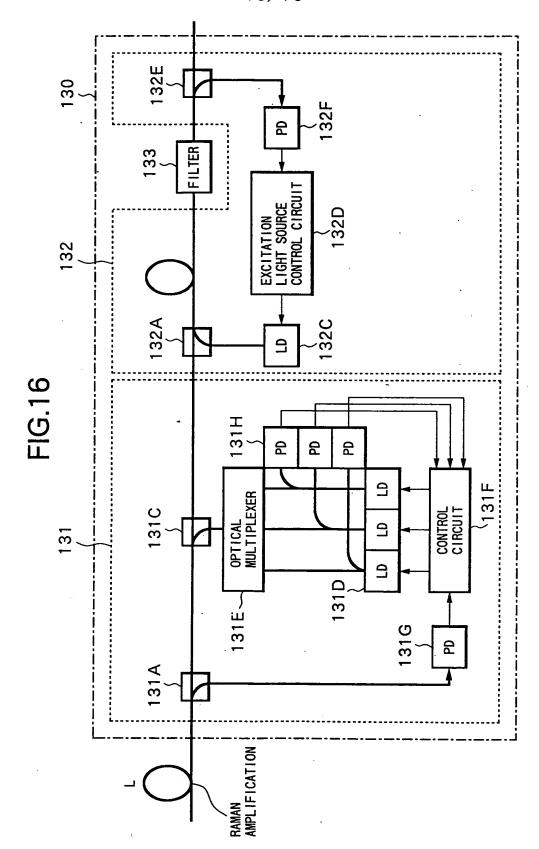






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